

10/502224

DTG: 22 JUL 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: UT-0048

Inventors: Mujtaba et al.

Serial No.: Not Yet Assigned

Filing Date: Herewith

Examiner: Not Yet Assigned

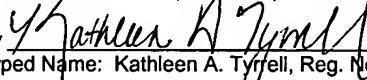
Group Art Unit: Not Yet Assigned

Title: Pure Populations of Astrocyte Restricted  
Precursor Cells and Methods for  
Isolation and Use Thereof

"Express Mail" Label No. EV532406329US

Date of Deposit July 22, 2004

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By   
Typed Name: Kathleen A. Tyrrell, Reg. No. 38,350

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56 (b).

(XX) In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three

months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, no additional fee is required.

- ( ) In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, therefore:
  - ( ) Certification in Accordance with §1.97(e) is attached hereto; or
  - ( ) Authorization to charge Deposit Account No. 50-1619 the fee of \$180.00 as set forth in §1.17(p) is provided.
- ( ) In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee, therefore included are: Certification in Accordance with §1.97(e); Petition Requesting Consideration of the Information Disclosure Statement; and the fee of \$130.00 as set forth in §1.17(I)(1).

(XX) Copies of each of the references listed on the attached Form PTO-1449 (modified) are enclosed herewith.

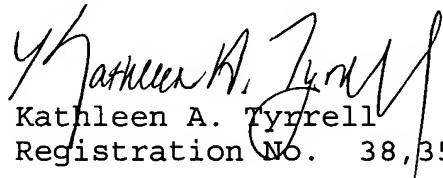
( ) In accordance with §1.98(d), copies of some or all of the references listed on the attached Form PTO-1449 (modified) are not enclosed herewith because they were previously submitted to the U.S. Patent and Trademark Office in prior application Serial No. \_\_\_\_\_, filed \_\_\_\_\_, for which a claim for priority under 35 U.S.C. §120 has been made in the instant application.

Please charge any deficiency or credit any overpayment to Deposit Account No. 50-1619. This form is submitted in duplicate.

( ) The relevance of the listed references in a foreign language is as stated in the specification at pages @@.

(xx) All listed references are in the English language.

Respectfully submitted,

  
Kathleen A. Tyrrell  
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Date: July 22, 2004

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<p>Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary)</p> <p>U.S. Department of Commerce</p>		Docket No. UT-0048	Serial No. Not Yet Assigned
		Applicant Mujtaba et al.	
		Filing Date Herewith	Group Not Yet Assigned

## U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
	AA	5,202,120	4-13-93	Silver et al.	424	93 U
	AB	5,874,301	2-23-99	Keller et al.	435	325
	AC	6,465,249	10-15-02	Reya et al.	435	375
	AD	2002/0164794	11-7-02	Wernet	435	372

## FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO

EXAMINER	DATE CONSIDERED
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10/50224

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Sheet 02 of 02

<b>Form PTO-1449 Modified</b>  List of Patents and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce		Docket No. <b>UT-0048</b>	Serial No. <b>Not Yet Assigned</b>
Applicant <b>Mujtaba et al.</b>			
Filing Date <b>Herewith</b>		Group <b>Not Yet Assigned</b>	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	BA	Alfei et al., "Hyaluronate receptor CD44 is expressed by astrocytes in the adult chicken and in astrocyte cell precursors in early development of the chick spinal cord", Eur. J. Histochem. 1999
	BB	Liu et al., "Oligodendrocyte and Astrocyte Development in Rodents: An In Situ and Immunohistological Analysis During Embryonic Development", GLIA 2002 40:25-43
	BC	Marret et al., "Expression and Effects of Hyaluronan and of the Hyaluronan-Binding Protein Hyaluronectin in Newborn Rat Brain Glial Cell Cultures", J. Neurochemistry 1994 62:1285-1295

EXAMINER

DATE CONSIDERED